

REMARKS

Proper status identifiers have now been provided for all claims.

In addition, pursuant to the examiner interview conducted on March 15, 2004, claims 31 and 48 are amended as suggested by the Office. Applicant has also pointed out support in the specification for the subject matter of claim 48, as requested by the Office.

Claim 31

Claim 31 has been amended to recite that the one or more class types are *assigned*. Applicant submits, in view of the remarks in the previously-filed response, as well as the discussion during the above-mentioned interview, that the references cited by the Office do not teach or suggest any such subject matter.

Claim 48

As amended, **claim 48** recites a location-aware cell phone comprising:

- on-board componentry configured to:
 - determine its location using only information that it receives and its on-board componentry; and
 - automatically adjust one or more of its settings so that it behaves in a manner that has been defined for that location *by someone other than a user of the cell phone*.

1 Support for the highlighted feature can be found in the specification
2 at page 54, line 19 through page 55, line 12, which is reproduced below
3 [emphasis added]:

4 In the described embodiment, cell phone settings and associated
5 location information can be stored on the cell phone itself.
6 Alternately, the cell phone is configured to receive cell phone setting
7 information via application program interface/cell phone settings
8 module 1402. *Specifically, in one embodiment, a number of*
9 *different settings enforcement entities 1418 can be provided that*
10 *are responsible for transmitting cell phone settings information to*
11 *cell phones that are in their vicinity. In the described example,*
12 *such entities can include, without limitation, Blue Tooth entities,*
13 *location beacons (as described above), diffused IR entities and the*
14 *like.* These entities transmit cell phone settings information that is
15 received by the cell phone via interface 1402. This information is
16 passed to the cell phone setting engine 1404 which then ensures that
17 the cell phones is set to the proper setting.

18 Also included in this architecture is a source of location-based
19 settings 1414, and a source of well-defined locations 1416.
20 *Location-based settings can come from any suitable source. For*
21 *example, the settings can come from the settings enforcement*
22 *entities mentioned above.* Alternately, the location-based settings
23 can be stored on the cell phone. Examples of this are given below.
24 Similarly, the well-defined locations 1416 can come from any
25 suitable source either on or off the device.

18 Additional support from the specification can be found at page 54,
19 lines 13-18, reproduced below:
20

21 In a movie theater, as noted above, it is common courtesy to turn
22 one's cell phone off or place it in vibrate mode. Yet, many people
23 forget or *refuse to do so.* Given the techniques and structures
24 described above and below, cell phones that are determined to be in
25 the location of a movie theater can *automatically adjust their*
behavior to conform to acceptable norms.

1 As shown, in at least one embodiment, the cell phone's on-board
2 componentry is configured to automatically adjust one or more of its
3 settings so that it behaves in a manner that has been defined for that
4 location *by someone other than a user of the cell phone*. This makes sense
5 when one considers that Applicant's inventive concepts apply even to those
6 users who *refuse* to voluntarily conform to acceptable norms.

automatic adjust
does not mean
"someone"
Furthermore, this feature
is combined with
on-board components
only -

7 Accordingly, Applicant respectfully submits that this claim is
8 allowable and that there is adequate support in the specification for the
9 highlighted feature.

10
11 Conclusion

12 Applicant respectfully submits that all of the pending claims are in
13 condition for allowance. Accordingly, Applicant requests a Notice of
14 Allowability be issued forthwith.

15
16 Respectfully submitted,

17
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19 By: 

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